

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Shah et al

Examiner:

Yong D. Pak

Serial No.:

10/035,918

Group Art Unit:

047711/0293

1652

Filed: Title:

12/28/2001 Docket:

METHOD FOR FORMULATING A GLUCOSE OXIDASE ENZYME WITH A DESIRED PROPERTY OR PROPERTIES AND A GLUCOSE OXIDASE ENZYME

WITH THE DESIRED PROPERTY

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on June 19, 2003..

Kichard Guego end
Richard Ruggiero

Commissioner for Patents Alexandria, VA 22313

We are transmitting herewith the attached:

Transmittal Sheet with Certificate of Mailing thereon (in duplicate)

Information Disclosure Statement Transmittal (in duplicate)

Form PTO/SB/08

Cited References (4) Copy of PCT search report

Return postcard

RECEIVED

JUN 2 5 2003

TECH CENTER 1600/2900

Please charge any fees associated with this transmittal to Deposit Account No 50-0872. A duplicate of this sheet is enclosed.

Date: June 19, 2003 **FOLEY & LARDNER** 2029 Century Park East 35th Floor Los Angeles, CA 90067-3021 1-310-277-2223 Office 1-310-557-8475 Fax

Name: Ted Rittmaster Reg. No.: 32,933

TRR/rsr





Yong D. Pak

047711-0293

1652

## IN THE UNITED STATE ENT AND TRADEMARK OFFICE

Applicant:

Shah et al.

Serial No:

10/035,918

Filing

December 28, 2001

Date: Title:

METHOD FOR FORMULATING A GLUCOSE OXIDASE ENZYME WITH

Examiner:

Docket No.

Group Art Unit:

A DESIRED PROPERTY OR PROPERTIES AND A GLUCOSE OXIDASE ENZYME WITH THE DESIRED PROPERTY

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on June 19, 2003.

Richard Ruggiero

RECEIVED

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Alexandria, VA 22313

TECH CENTER 1600/2900

Dear Sir:

In accordance with 37 CFR §1.97(b)(3), the items of information listed on the enclosed Form SB08 are brought to the attention of the Examiner. The undersigned hereby states in accordance with 37 C.F.R. § 1.97(e)(1) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to filing of this Statement. Accordingly, no fee is due for consideration of the items listed on the enclosed Form SB08.

In accordance with 37 CFR §1.98(a)(2), a copy of each document or other information listed on the enclosed Form SB08 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 USC §§102 and 103 and Applicant reserves the right, pursuant to 37 §1.131 or otherwise, to establish that the references are not "prior art." Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of MPEP 609, it is requested that the Examiner return a copy of the attached Form SB08, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees, if any, to Deposit Account No. 50-0872.

Respectfully submitted,

Dated: June 19, 2003

Ted R. Rittmaşter Reg. No. 32,933

FOLEY & LARDNER 2029 Century Park East, 35<sup>th</sup> Floor Los Angeles, CA 90067-3021 1-310-277-2223 Office 1-310-557-8475 Facsimile

oved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Substitute for form 1449B/PTO	Complete if Known		
_	INFORMATION DISCLOSURE	Application Number	10/035,918	
6	STATEMENT BY APPLICANT	Filing Date	12/28/2001	
	ate Submitted: June 19, 2003	First Named Inventor	Rajiv Shah et al	
	1 5 2003 E	Group Art Unit	1652	
	(Lee as many sheets as necessary)	Examiner Name	Yong D. Pak	
	Sheet 1 of 1	Attorney Docket Number	047711-0293	
V	TEM ATRIB			

U.S. PATENT DOCUMENTS							
_	Cite No. <sup>1</sup>	U.S. Patent Document			Date of Publication of	Pages, Columns, Lines,	
Examiner Initials*		Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	
	A1	5,795,774		Matsumoto et al.	08/18/1998		
	A2	6,280,587		Matsumoto	08/28/2001		
						RECEIVED	
						LOLIVED	
						JUN 2 5 2003	
						2 0 2003	
-					YPAIT	A W. Indian	
					IECH.	CENTER 1600/2900	
						100,200	

FOREIGN PATENT DOCUMENTS								
	Cite No. <sup>1</sup>	Foreign Patent Document				Date of Publication of Cited Document	Pages, Columns, Lines,	
Examiner Initials*		Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Documents	MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T⁵
			0.2.0				-	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sub>6</sub>					
	A3	PCT International Search Report as issued in International Application Number PCT/US02/30849, Mailing Date June 9, 2003.						
	A4 1	WITT, S. et al. Conserved arginine-516 of penicillium amagasakiense glucose oxidase is essential for the efficient binding of B-D glucose. Biochem. J. 2000, pages 553-559, see entire document.						
	A5 ,	ELIAS, M.D. et al. Functions of amino acid residues in the active sit of Escherichia coli pyrroloquinoline quinone containing quinoprotein glucose dehydrogenase. The Journal of Biological Chemistry. March 2000, Vol. 275, No. 10, pages 7321-7326, see entire document						

Examiner Signature	Date Considered	
	00/10/100/04	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.